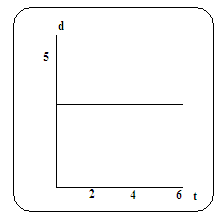
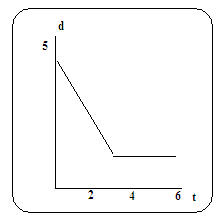
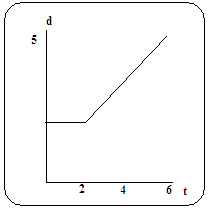
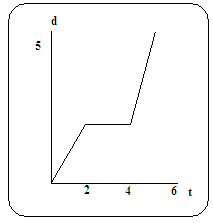
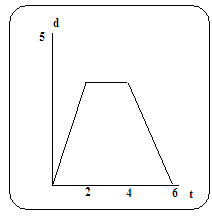
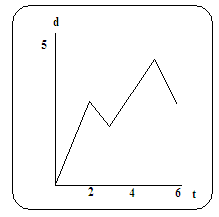
Walking Lines

1. Walk toward the motion detector at a constant speed. On the back of this page, sketch the resulting graph (Be sure to label appropriately). Walk slower and faster to see how this affects the graph.
2. Walk away from the motion detector at a constant speed. On the back of this page, sketch the resulting graph (Be sure to label appropriately). Walk slower and faster to see how this affects the graph.

Using the information you gathered from the above, walk the following graphs. Be sure to write down how you walked.

1. 2. 3.

4. 5. 6.

Now, with your group members, talk about the following problem and try to answer it. This graph shows Jon’s distance from the 0 mark as he walks as you did above. The horizontal axis goes from 0 to 6 seconds. The vertical axis goes from 0 to 4 meters. Describe Jon’s walk, indicating the direction, walking speed, and time interval represented by each segment.

